

an inner liner;

a second layer disposed over the inner liner, the second layer extending from the proximal end of the shaft to a distal terminus;

wherein the distal terminus is set back from the distal end of the shaft a distance equal to

or greater than the shapeable length;

A₁ a third layer disposed over the second layer; and

a fourth layer disposed over the third layer, the fourth layer including a proximal end and

a distal end, the distal end of the fourth layer extending to the distal end of the shaft.

3. (Once Amended) The catheter in accordance with claim 1, wherein the distal

A₂ terminus is about 4 millimeters from the distal end of the shaft.

19. (Once Amended) An intravascular catheter, comprising:

an elongate shaft having a proximal end, a distal end, and a distal tip having a shapeable length, the elongate shaft including:

A₃ an inner liner;

a second layer disposed over the inner liner, the second layer extending from the proximal end of the shaft to a distal terminus, wherein the distal terminus is set back from the distal end of the shaft a distance equal to or greater than the shapeable length;

a third layer disposed over the second layer; the third layer including a single coil region near the distal end of the shaft and a multiple coil region near the proximal end of the shaft; and

a fourth layer disposed over the third layer, the fourth layer including a proximal end and

✓ a distal end, wherein the durometer at the proximal end is greater than the durometer at the distal end, the distal end of the fourth layer extending to the distal end of the shaft.

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41. (Once Amended) An intravascular catheter, comprising:

an elongate shaft having a proximal end, a distal end, and a distal tip having a shapeable length, the elongate shaft including:

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an inner liner;

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a second layer disposed over the inner liner, the second layer including a first segment extending from the proximal end of the shaft to a distal terminus and a second segment extending from the distal terminus to the proximal end;

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wherein the distal terminus is set back from the distal end of the shaft a distance equal to or greater than the shapeable length;

a third layer disposed over the second layer; and

a fourth layer disposed over the third layer, the fourth layer including a proximal end and a distal end, the distal end of the fourth layer extending to the distal end of the shaft.